

SCREW FOR MOLDING THERMOPLASTIC RESIN

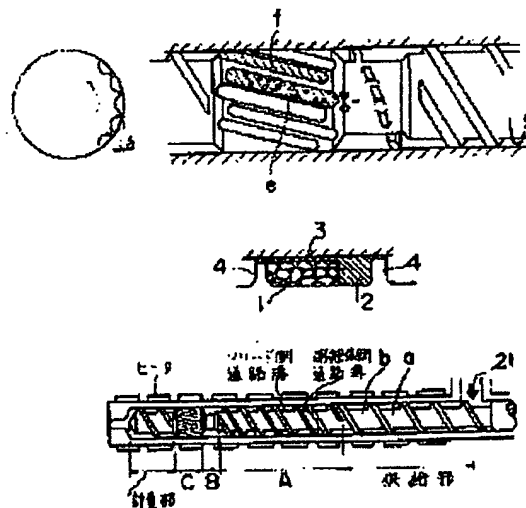
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- **International:** B29F3/02
- **European:** B29C47/64G
Application number: JP19790169881 19791226
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Abstract of JP56092039

PURPOSE:To permit molding by extruder satisfactorily while keeping the temperature of resin uniform by providing a given melting acceleration part, a given mixing part, and a given melting end part between a supply part beginning with the material charge port of an extruder screw and a final weighing part.

CONSTITUTION:The particles group of nonmolten resin 1 which is not destructed in a melting acceleration part A and has a temperature higher than the secondary transition point but just below melting point is flowed into a mixing part B, where it is uniformly dispersed and mixed in a great amount of melt by means of an auxiliary stirring mixer, e.g., beat, pin, etc., and its partial surface layer enters each inflow side groove of a melting end part C. The resin flow coming to the flow path C reaches through a comparatively narrow aperture delta to a neighboring flow path f. Since, in the process, a temporary but effective shearing force is produced only in nonmolten resin having a considerably great visco-elasticity, particles are deformed and stretched thinly and at the same time are exposed to a frictional heat produced, whereupon its melting point is exceeded at one time to complete melting.



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⑫ 公開実用新案公報 (U)

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審査請求 有

(全 1 頁)

⑭ 浴 槽

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⑰ 実 願 昭54—174910

⑱ 出 願 昭54(1979)12月19日

⑲ 代 理 人 弁理士 宇高克己

㉑ 考 案 者 大番屋祐二

㉒ 実用新案登録請求の範囲

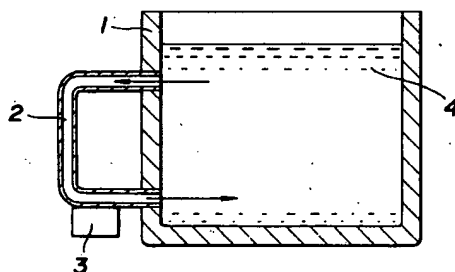
浴槽壁に循環パイプを取り付け、この循環パイプ部に加熱装置を配すると共に、循環パイプの開口部を閉鎖する吸着部材を取り付けたことを特徴とする浴槽。

図面の簡単な説明

第1図は従来の浴槽の説明図、第2図は本考案になる浴槽の説明図である。

10…浴槽壁、11…循環パイプ、12…加熱装置、13…閉鎖部材。

第1図



第2図

